

Data File : VU030254.D
Acq On : 21 Mar 2019 10:49
Operator : JC/SP
Sample : K2022-01RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0965

Quant Time: Mar 22 04:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	612455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	288683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	192940	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.28%
7) Chloroethane-d5	1.68	69	157619	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.27	63	261280	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.76%
21) 2-Butanone-d5	4.17	46	255127	81.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.35%
24) Chloroform-d	4.65	84	334125	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
26) 1,2-Dichloroethane-d4	5.31	65	197689	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.34	84	733310	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
36) 1,2-Dichloropropane-d6	6.33	67	225420	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.56	98	671418	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	7.85	79	105014	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	208843	80.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319046	41.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	262323	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%

Target Compounds

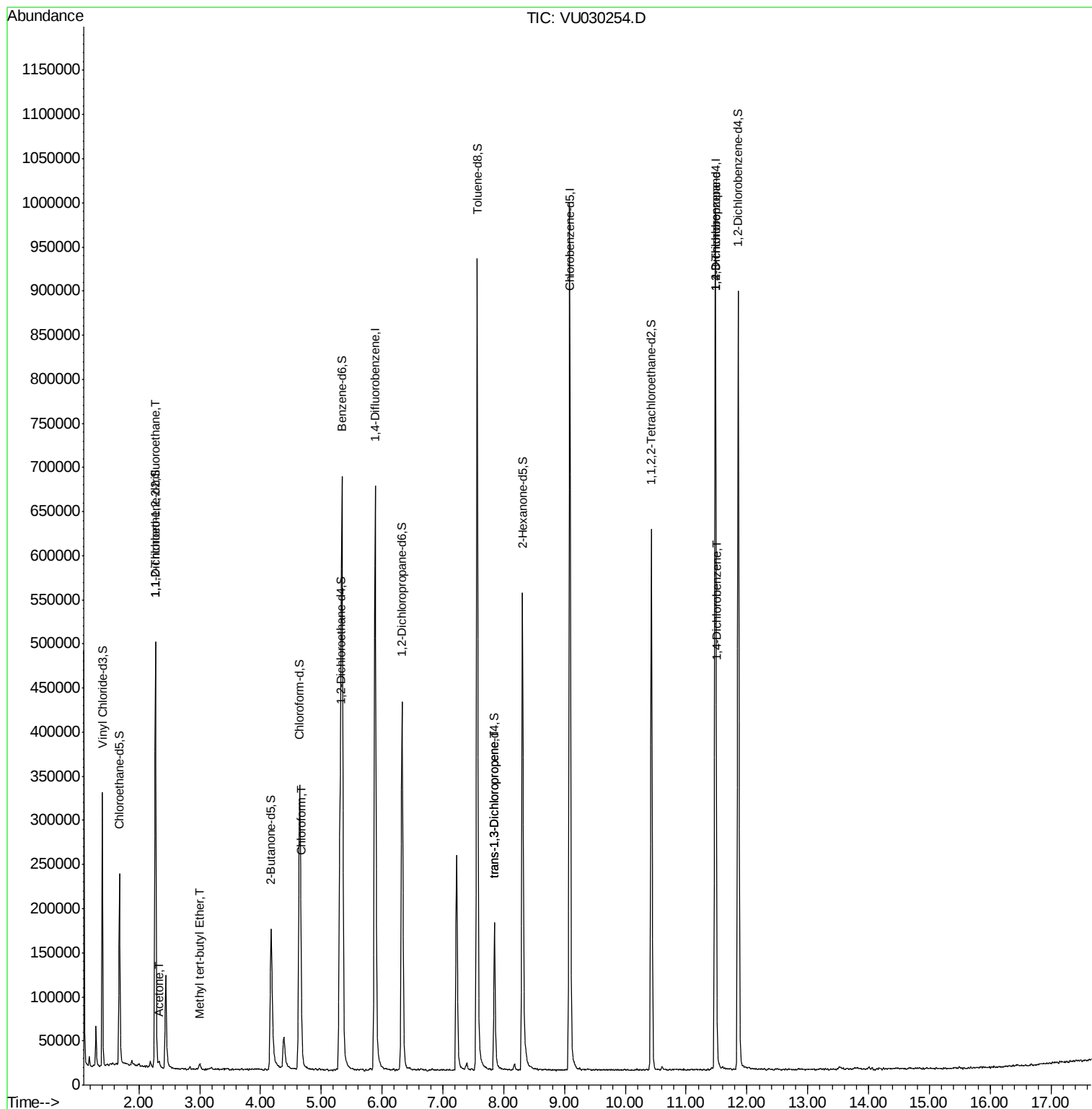
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2584	0.615 ug/L #	18
13) Acetone	2.32	43	3679	1.123 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	6872	0.543 ug/L	96
25) Chloroform	4.67	83	24962	3.169 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3916	0.623 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	30753	5.028 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	5346	0.560 ug/L #	84

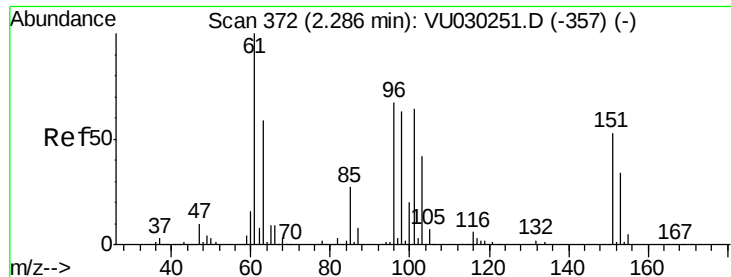
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030254.D
Acq On : 21 Mar 2019 10:49
Operator : JC/SP
Sample : K2022-01RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0965

Quant Time: Mar 22 04:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.615 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030254.D

Acq: 21 Mar 2019 10:49

Instrument :

MSVOA_U

ClientSampleId :

C0965

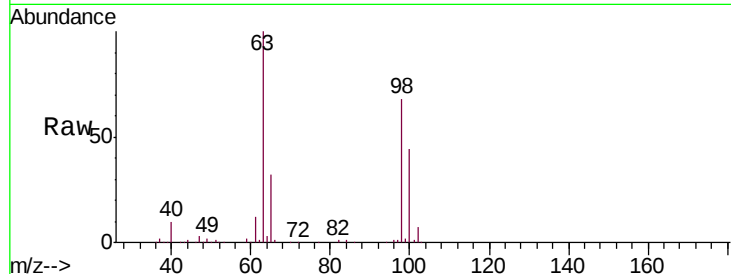
Tgt Ion: 101 Resp: 2584

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

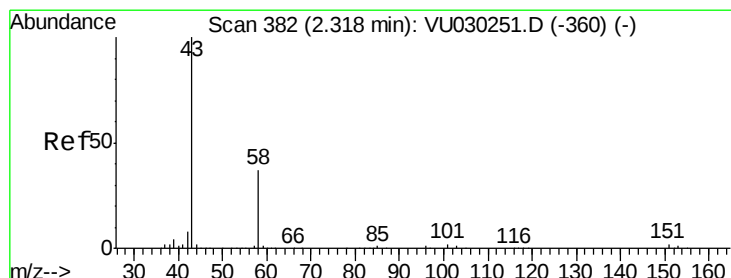
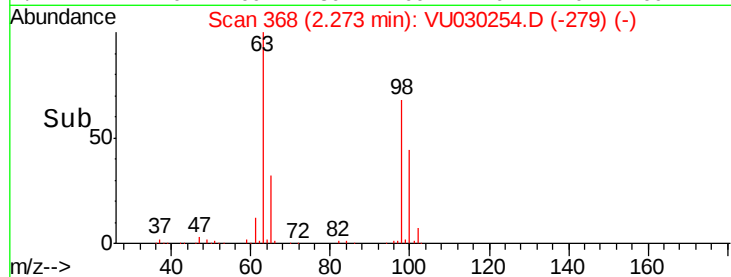
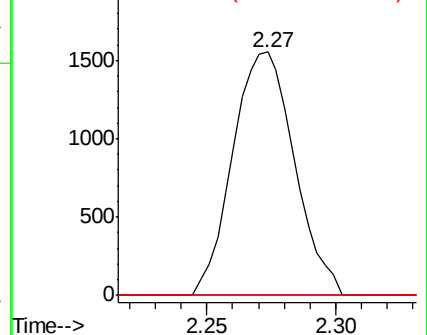
151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.123 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030254.D

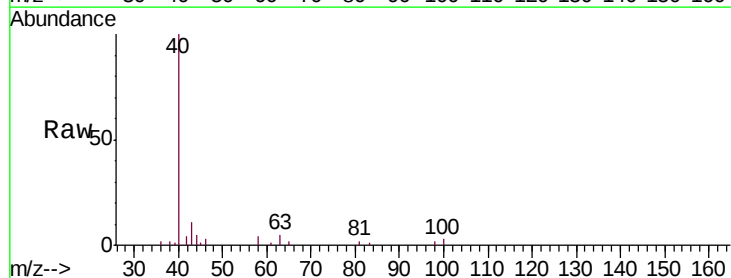
Acq: 21 Mar 2019 10:49

Tgt Ion: 43 Resp: 3679

Ion Ratio Lower Upper

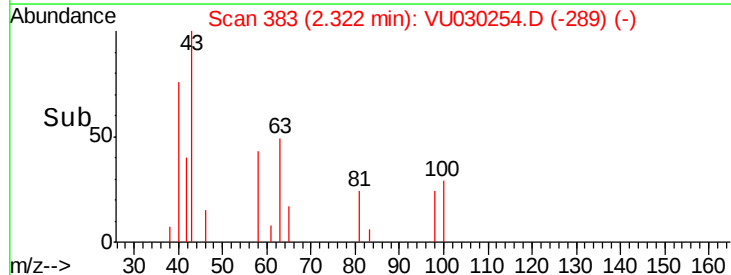
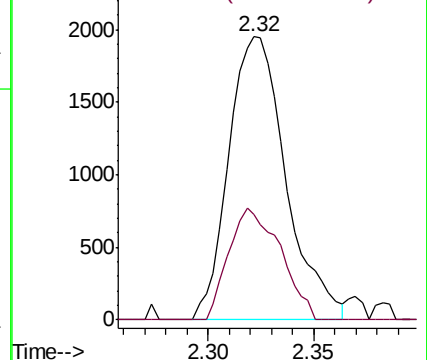
43 100

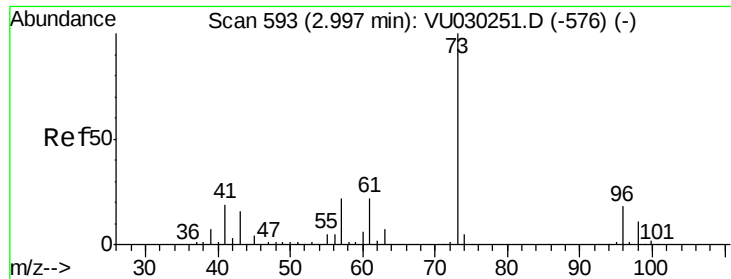
58 35.6 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

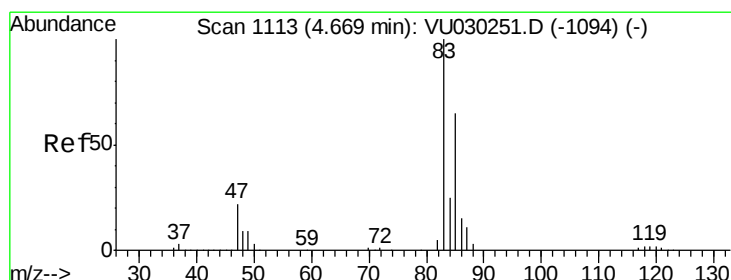
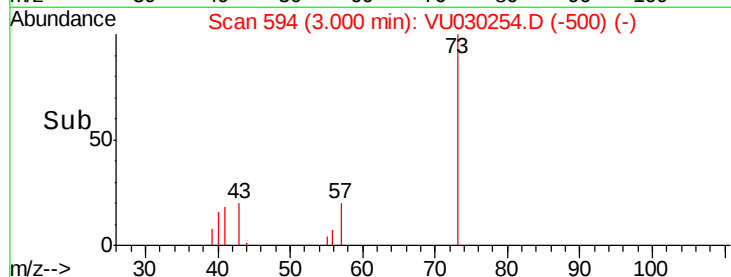
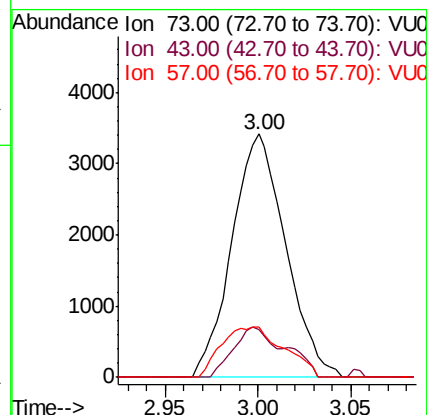
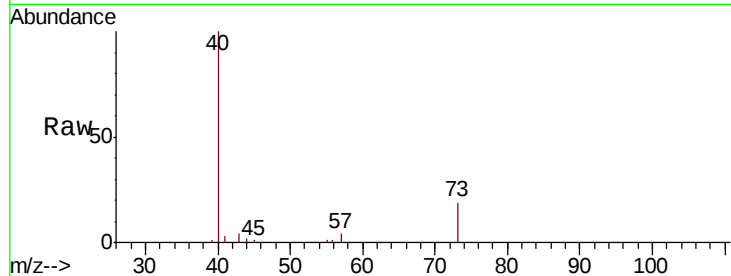




#18
Methyl tert-butyl Ether
Concen: 0.543 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU030254.D
Acq: 21 Mar 2019 10:49

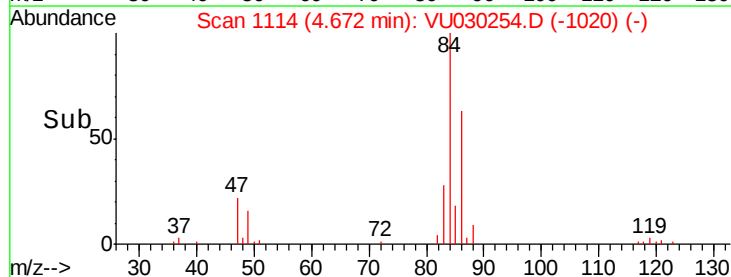
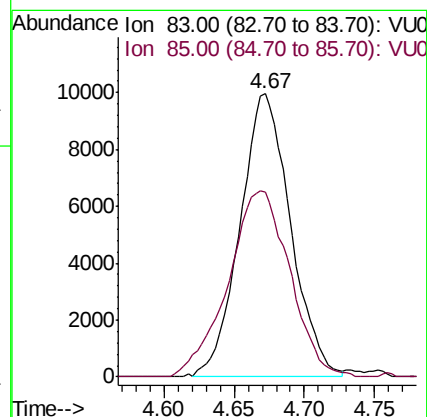
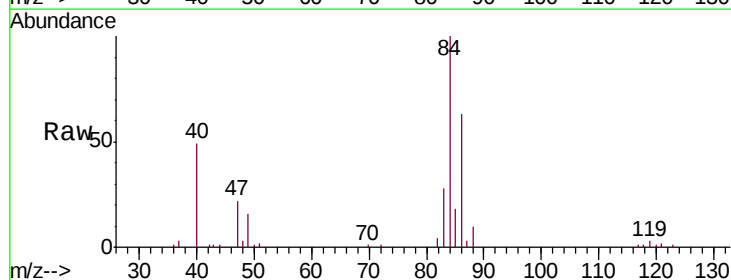
Instrument :
MSVOA_U
ClientSampleId :
C0965

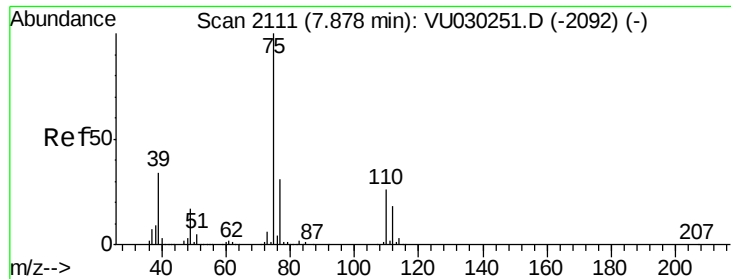
Tgt Ion: 73 Resp: 6872
Ion Ratio Lower Upper
73 100
43 15.4 13.1 19.7
57 24.0 17.1 25.7



#25
Chloroform
Concen: 3.169 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030254.D
Acq: 21 Mar 2019 10:49

Tgt Ion: 83 Resp: 24962
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.2





#44

trans-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030254.D

Acq: 21 Mar 2019 10:49

Instrument :

MSVOA_U

ClientSampleId :

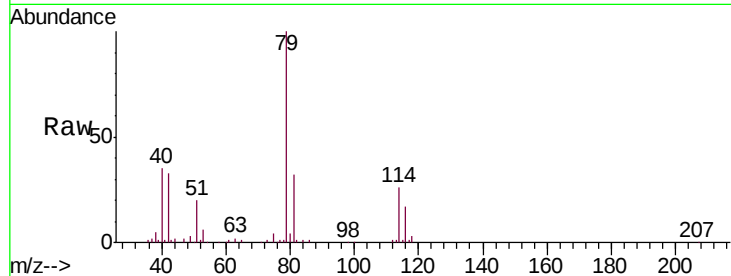
C0965

Tgt Ion: 75 Resp: 3916

Ion Ratio Lower Upper

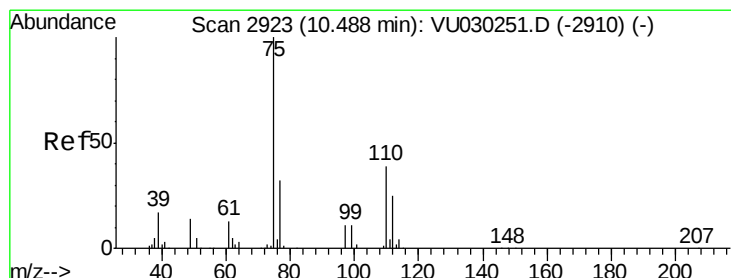
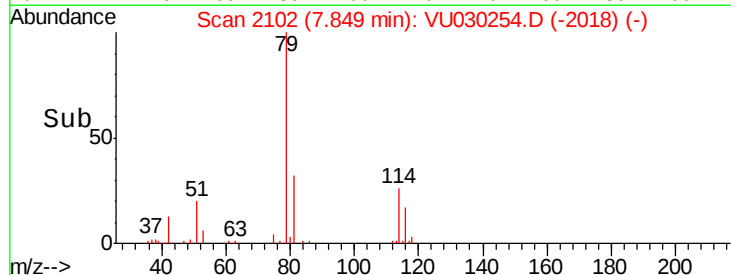
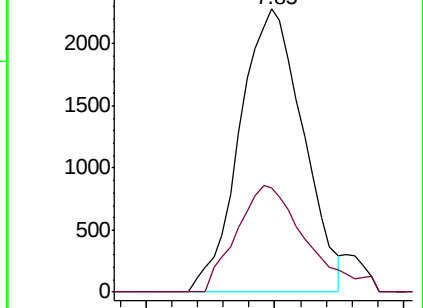
75 100

77 36.8 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030251.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030251.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 5.028 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030254.D

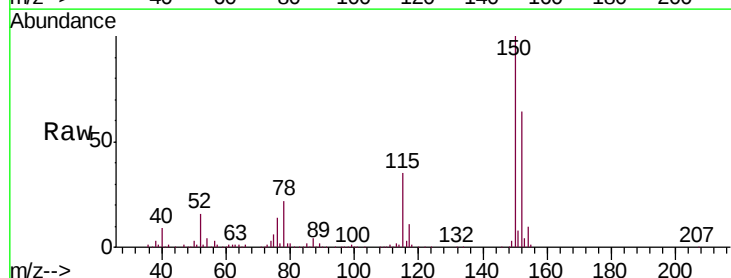
Acq: 21 Mar 2019 10:49

Tgt Ion: 75 Resp: 30753

Ion Ratio Lower Upper

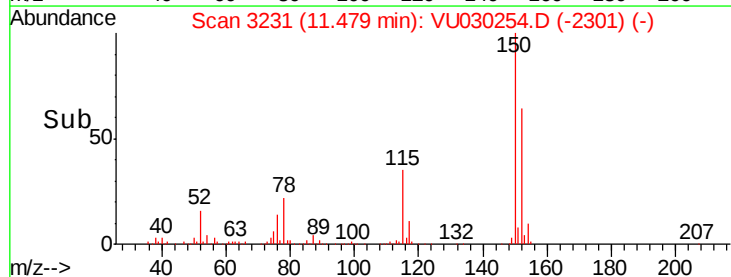
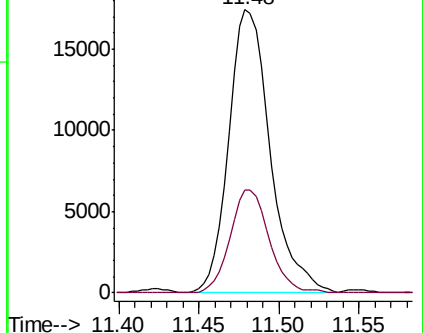
75 100

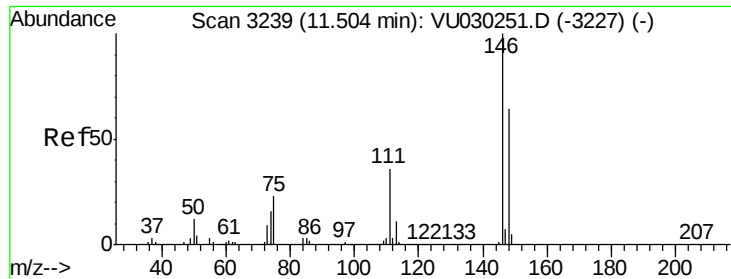
77 33.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030251.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU030251.D (-2910) (-)





#63

1,4-Dichlorobenzene

Concen: 0.560 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030254.D

Acq: 21 Mar 2019 10:49

Instrument :

MSVOA_U

ClientSampleId :

C0965

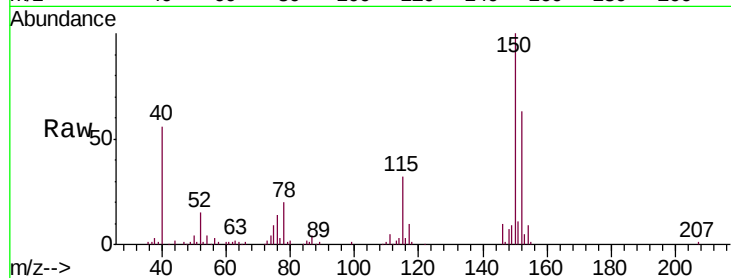
Tgt Ion:146 Resp: 5346

Ion Ratio Lower Upper

146 100

111 48.7 25.3 46.9#

148 73.9 44.7 82.9



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

